Fig. 1

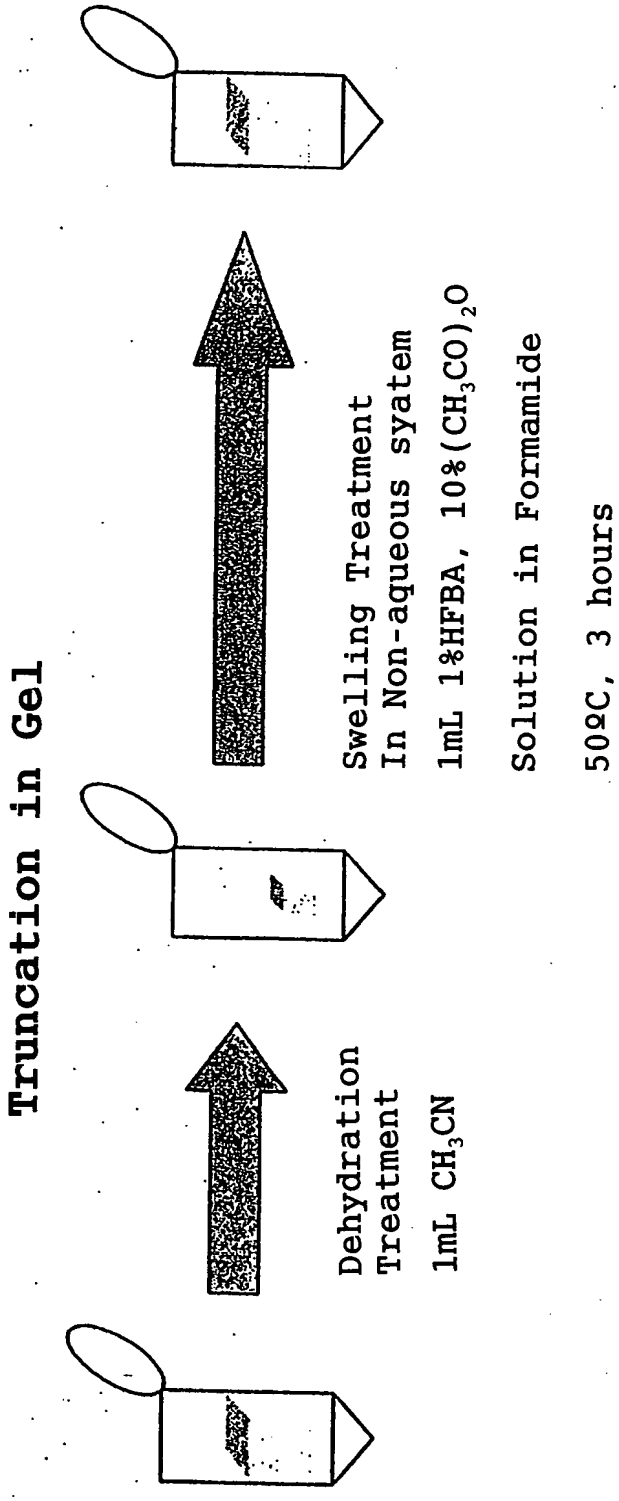
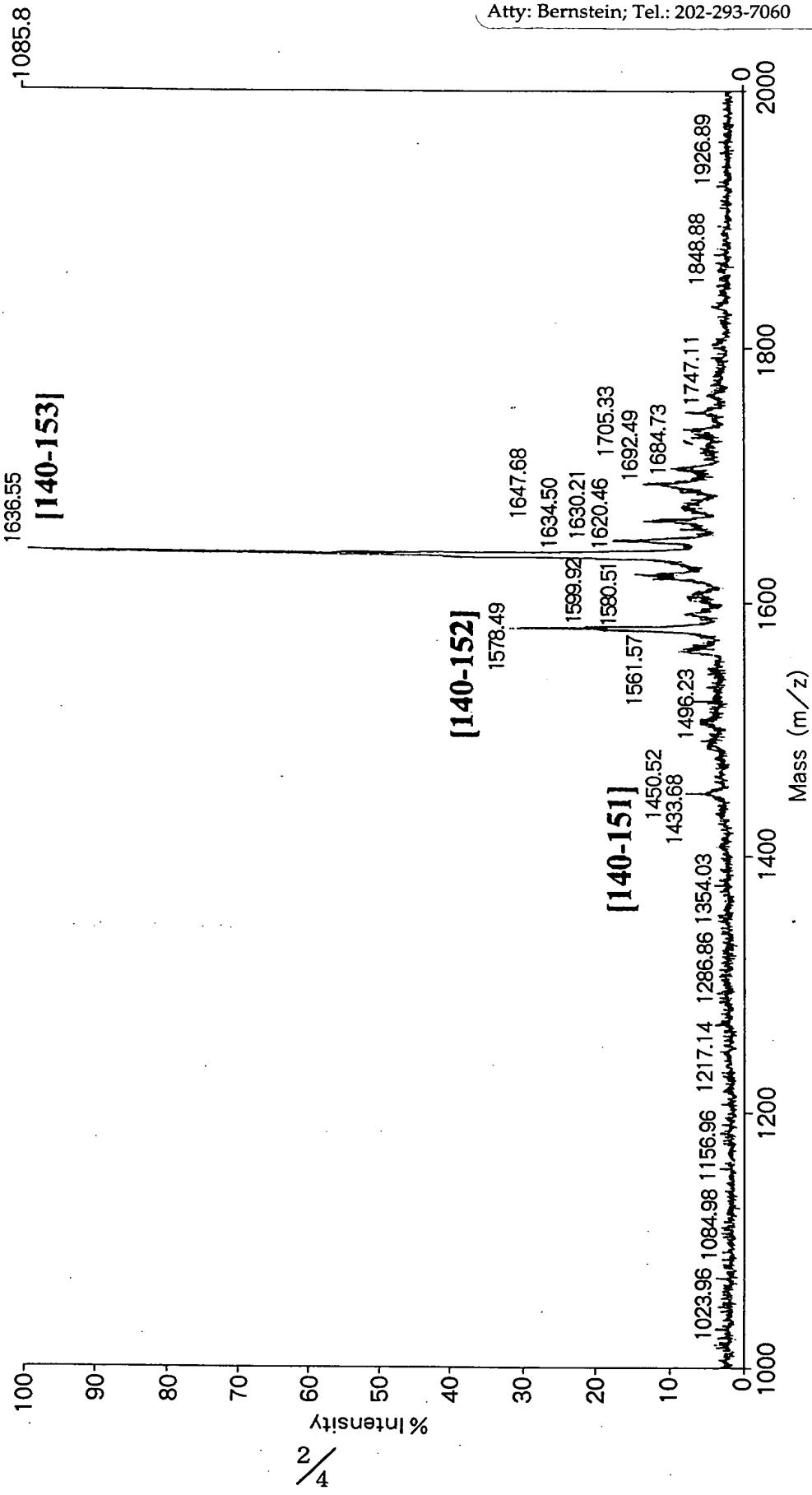
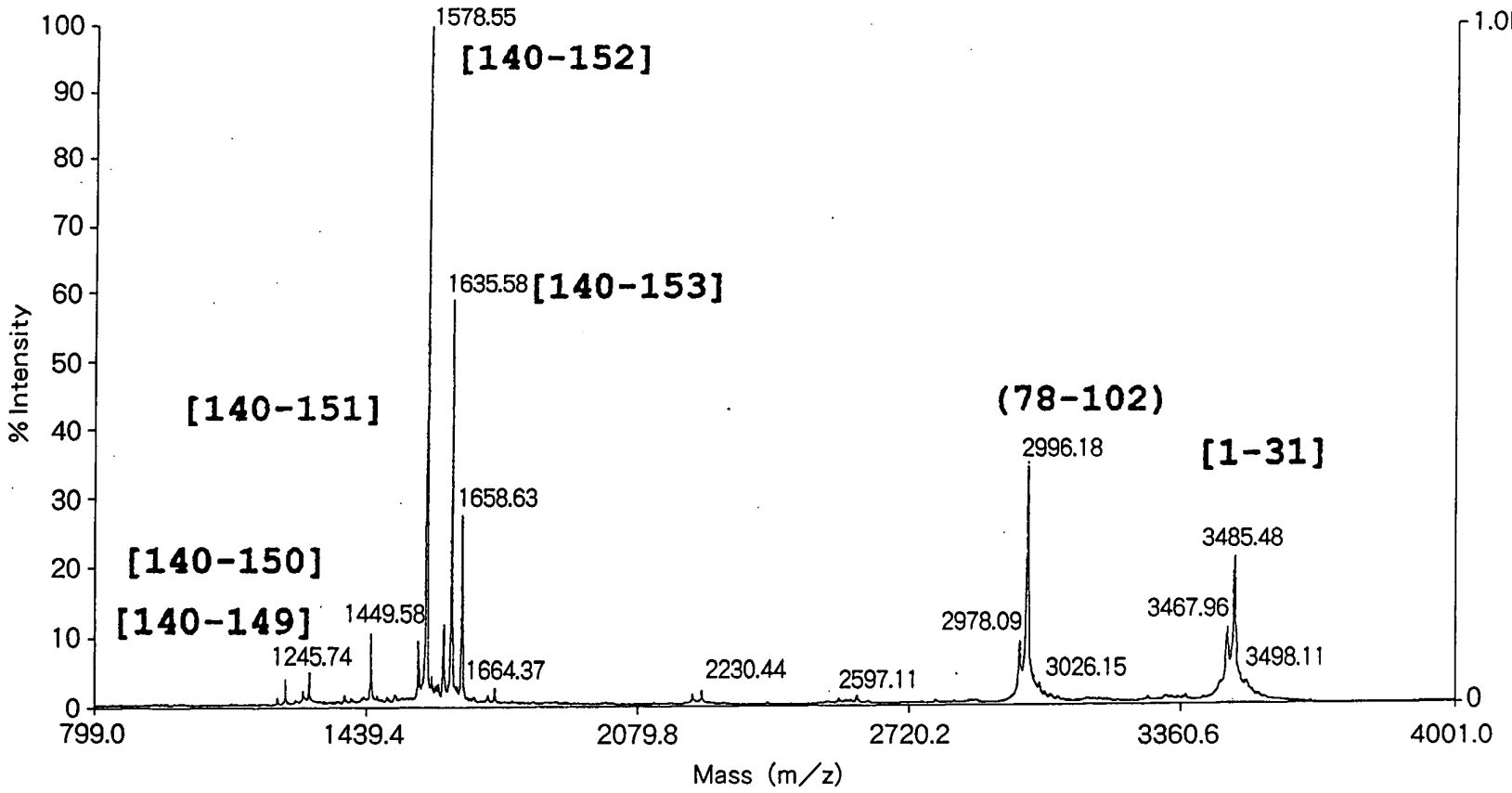


Fig. 2

Mb truncation reaction in gel



Mb, 3h in test tube



NOTE: (78-102) is presumed to be a fragment resulting from the digestion by trypsin at the lysine site, which is caused by insufficient acetylation thereto.

Fig. 3

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National Stage Entry of PCT/JP03/15270
"Method of Analyzing C-terminal Amino Acid Sequence of Peptide"
Filed: May 27, 2005 - Ref.: Q-88284
Atty: Bernstein; Tel.: 202-293-7060

Fig. 4

myoglobin – horse

[1 – 153] mass = 17738.180
Cleavage at R

Small polar : D(7) E(13) N(3) Q(6)
Large polar : K(19) R(2) H(11)
Small non-polar : S(5) T(7) A(15) G(15)
Large non-polar : L(17) I(9) V(7) M(2) F(7) Y(2) W(2)
Special : C(0) P(4)

K[16]+42.04 K[42]+42.04 K[45]+42.04 K[47]+42.04
K[50]+42.04 K[56]+42.04 K[62]+42.04 K[63]+42.04
K[77]+42.04 K[78]+42.04 K[79]+42.04 K[87]+42.04
K[96]+42.04 K[98]+42.04 K[102]+42.04 K[118]+42.04
K[133]+42.04 K[145]+42.04 K[147]+42.04

1 GLSDGEWQQVLNVWGKVEADIAGHGQEVLI 30
31 RIftghpetleKfdKfKhIKteaemKased 60
61 IKKhgtvvltalggilKKKghheaeIKpla 90
91 qshatKhKipiKylefisdaiihvlhsKhp 120
121 gnfgadaqgamtKalelfrNDIAAKYKELG 150
151 FQG 153

(1) [1-31] = 3444.742 (2) [32-139] = 12692.649 (3) [140-153] = 1636.809